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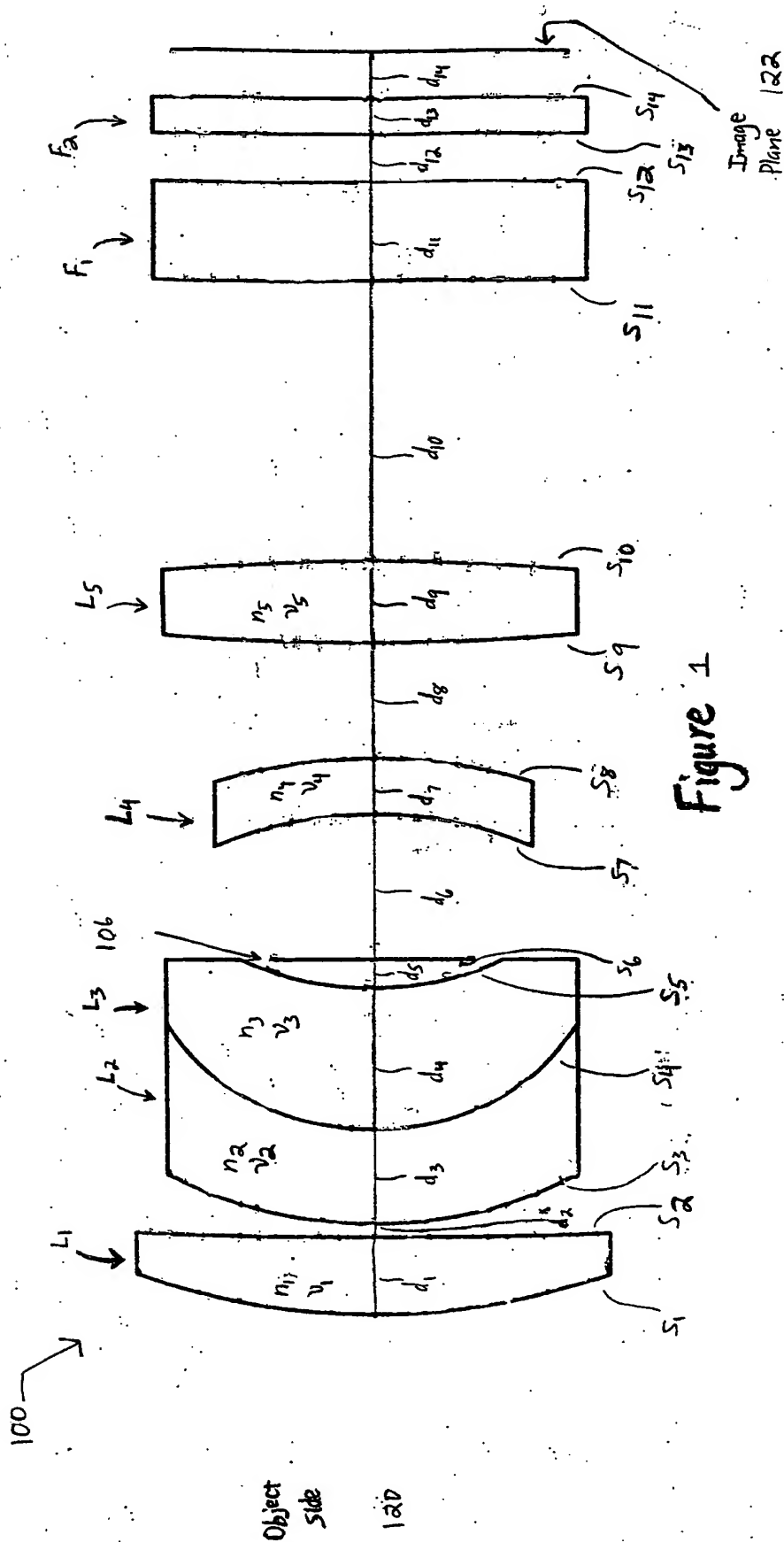
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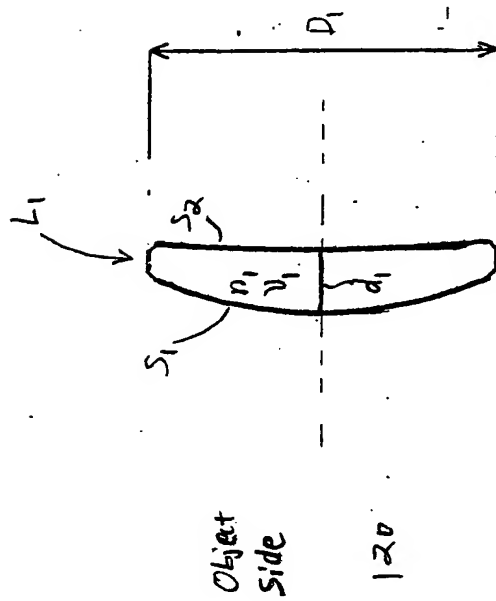


Figure 2

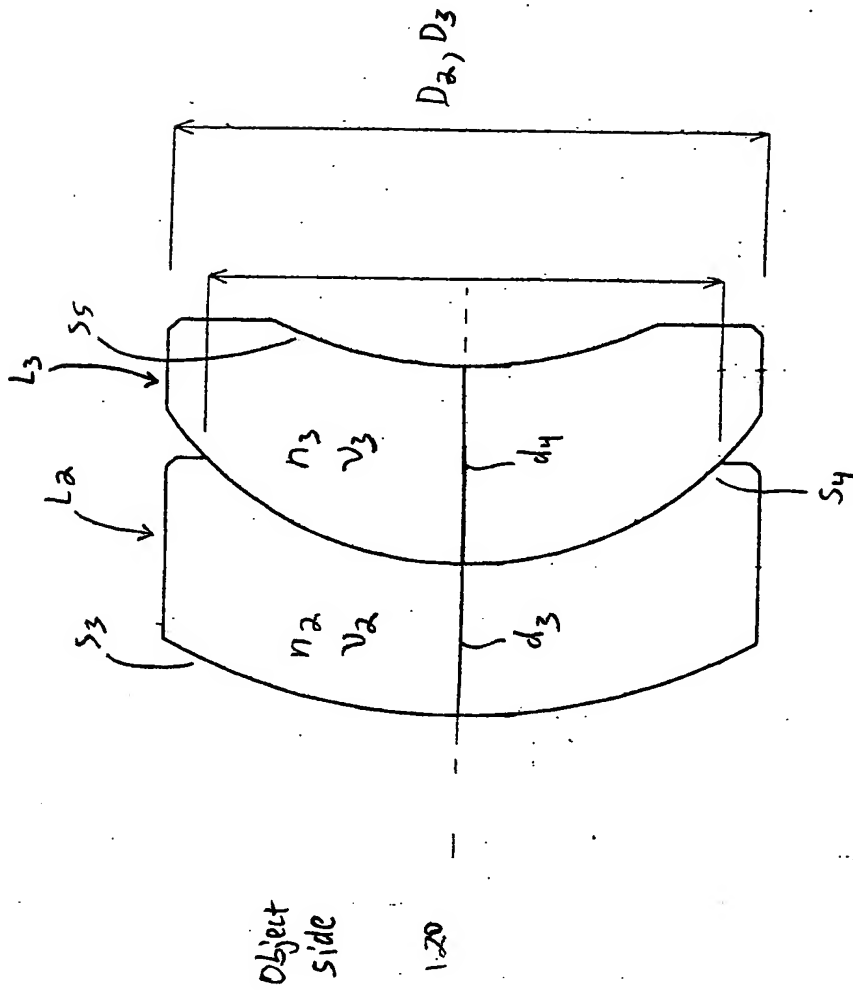
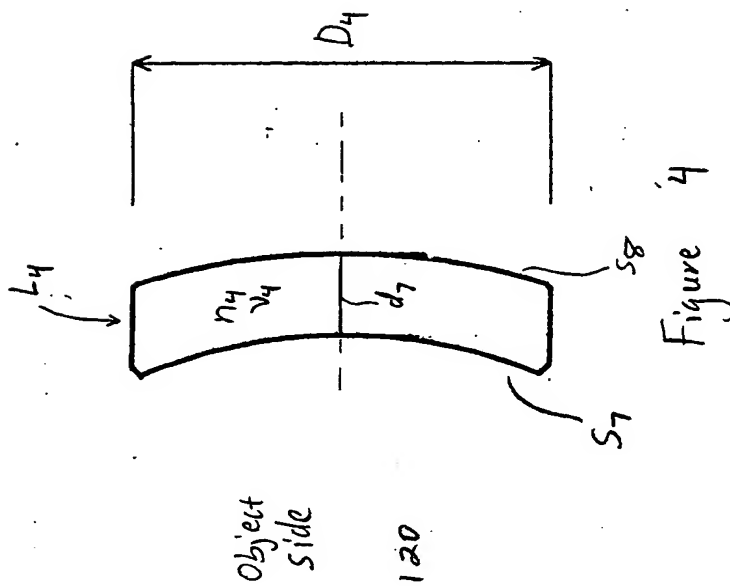


Figure 3



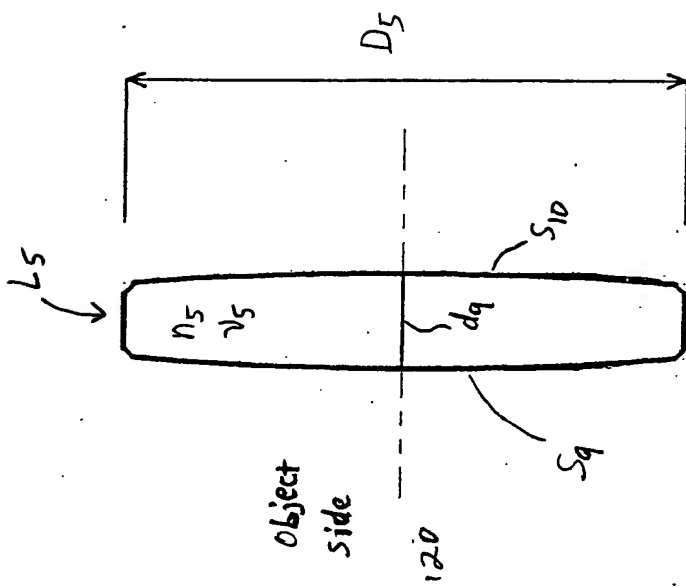
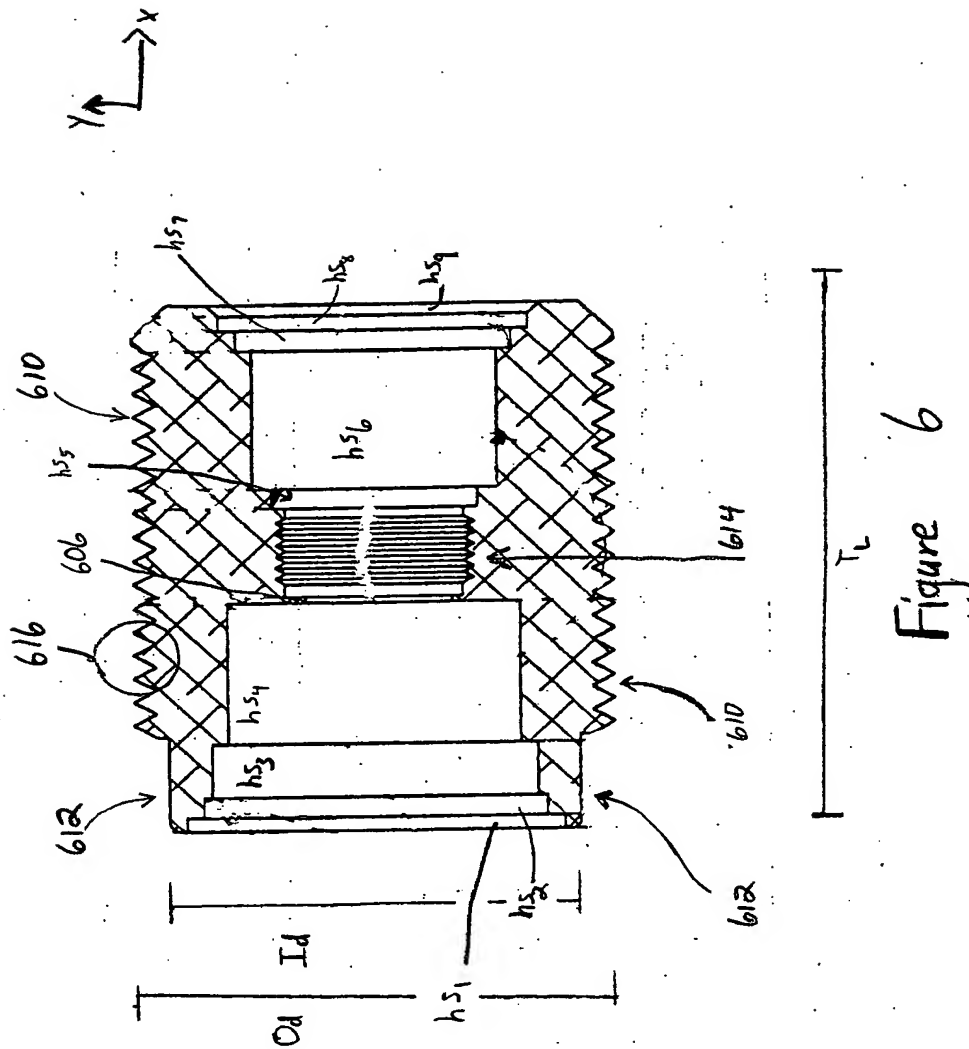


Figure 5



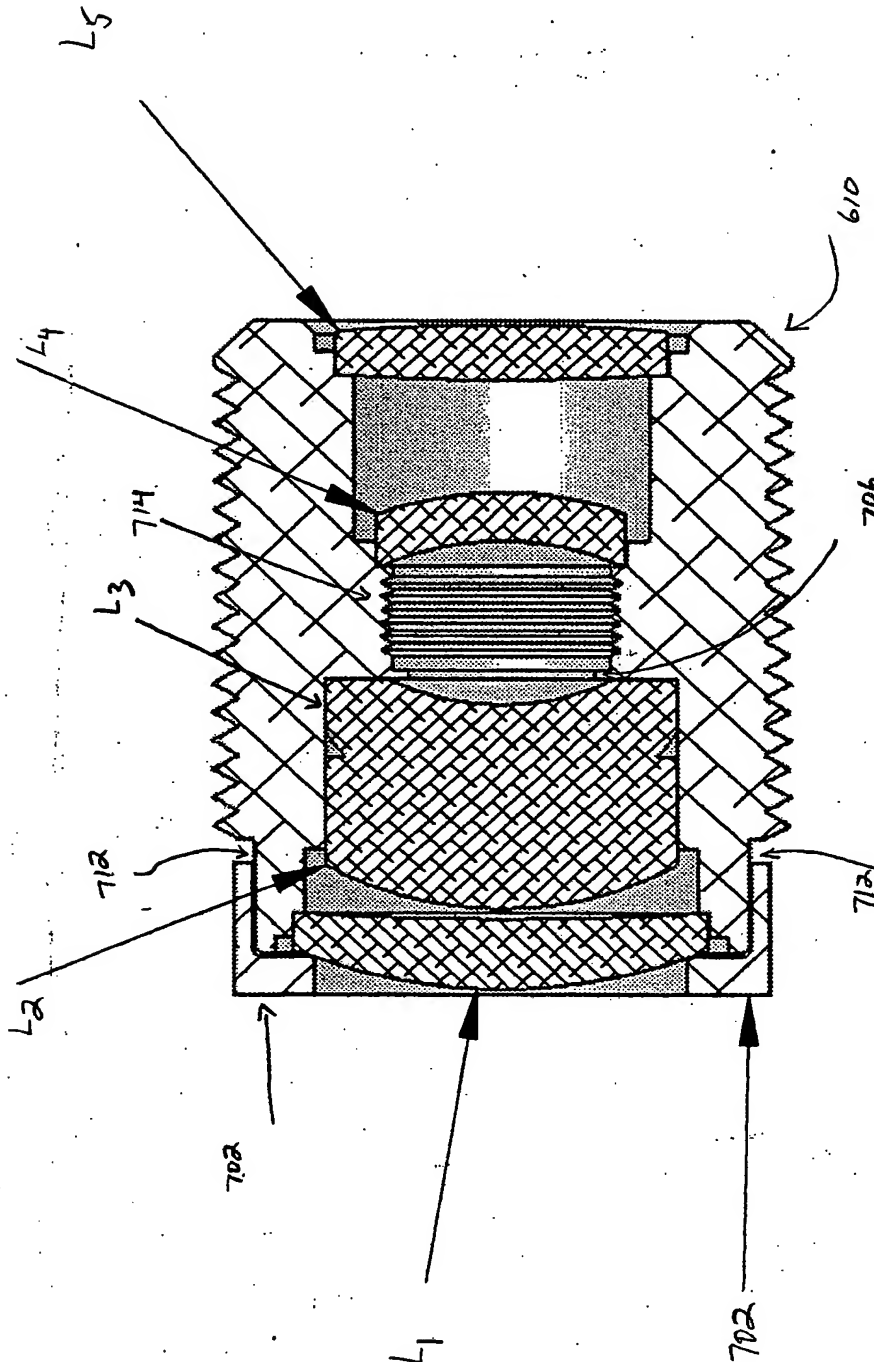
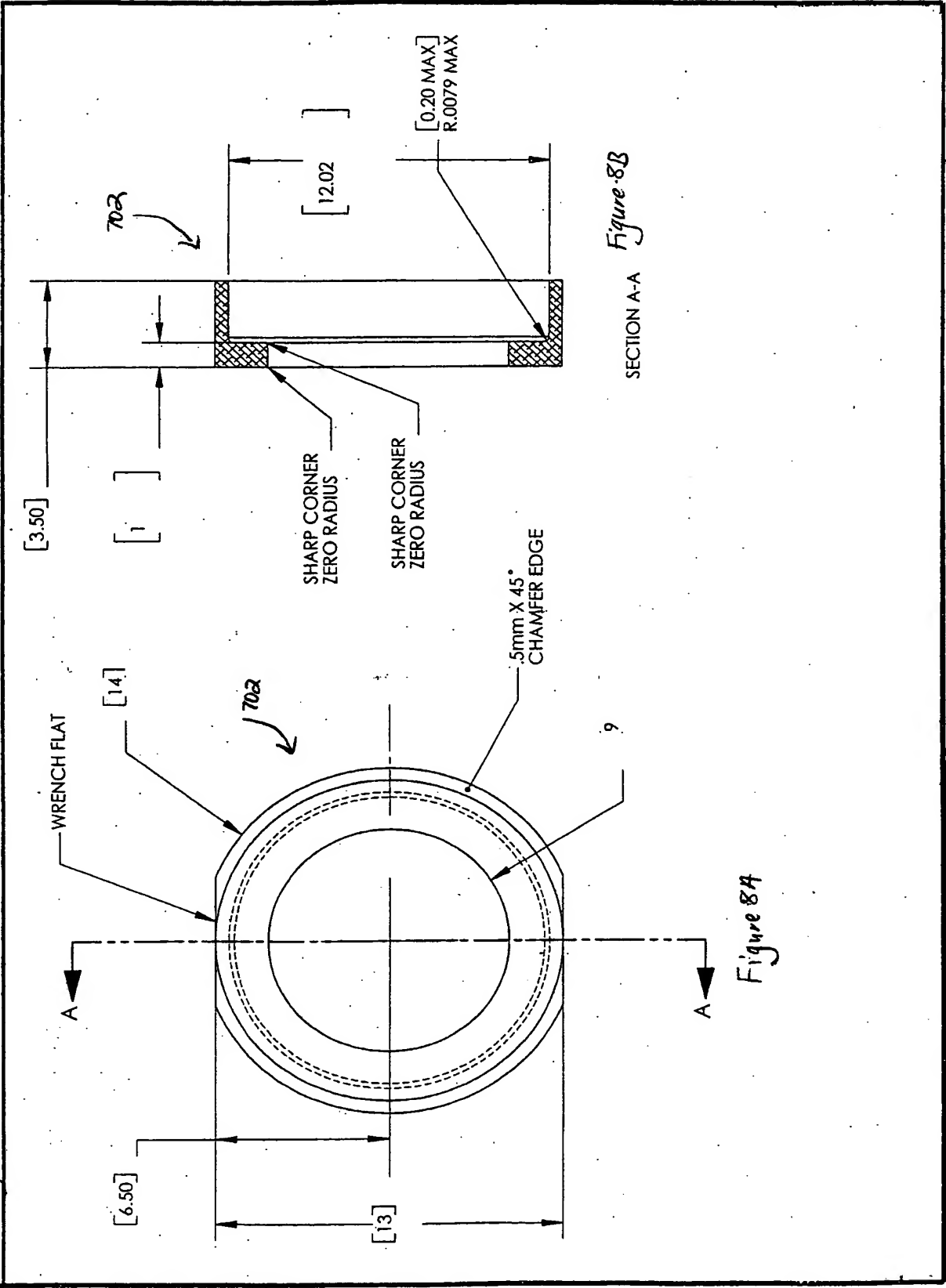


Figure 7.





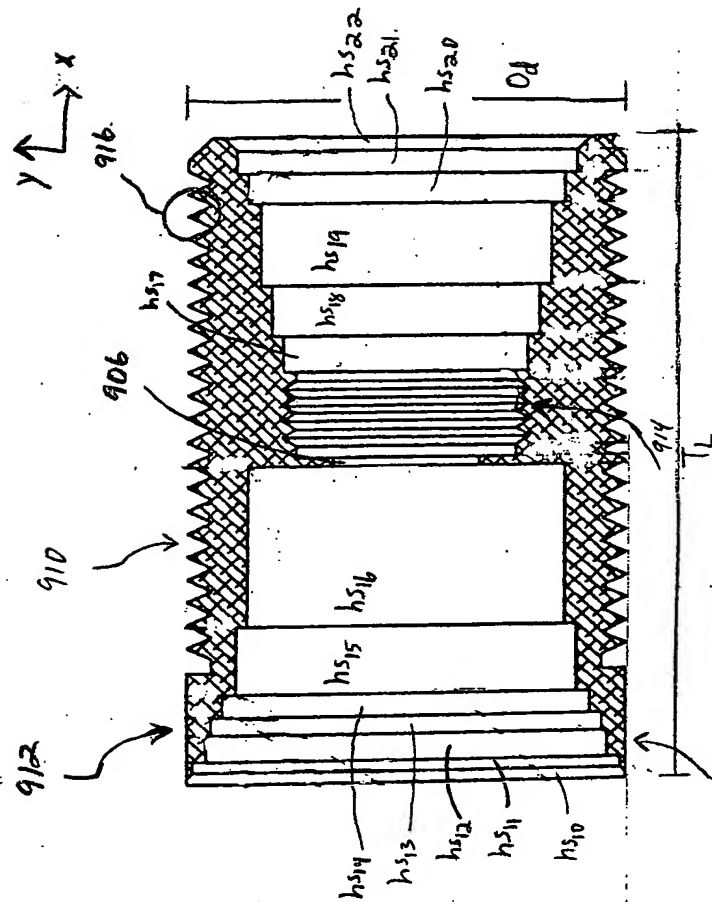
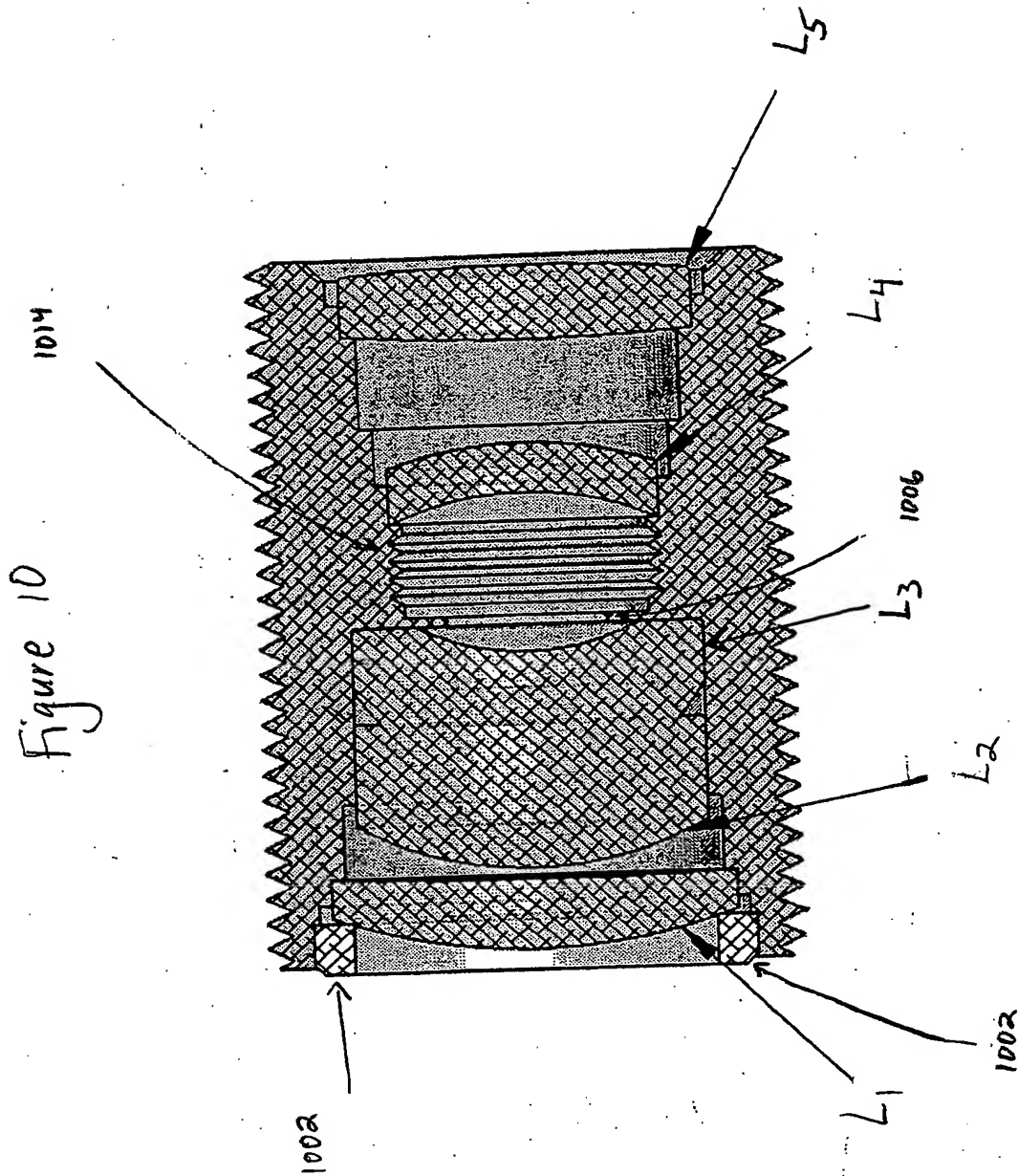
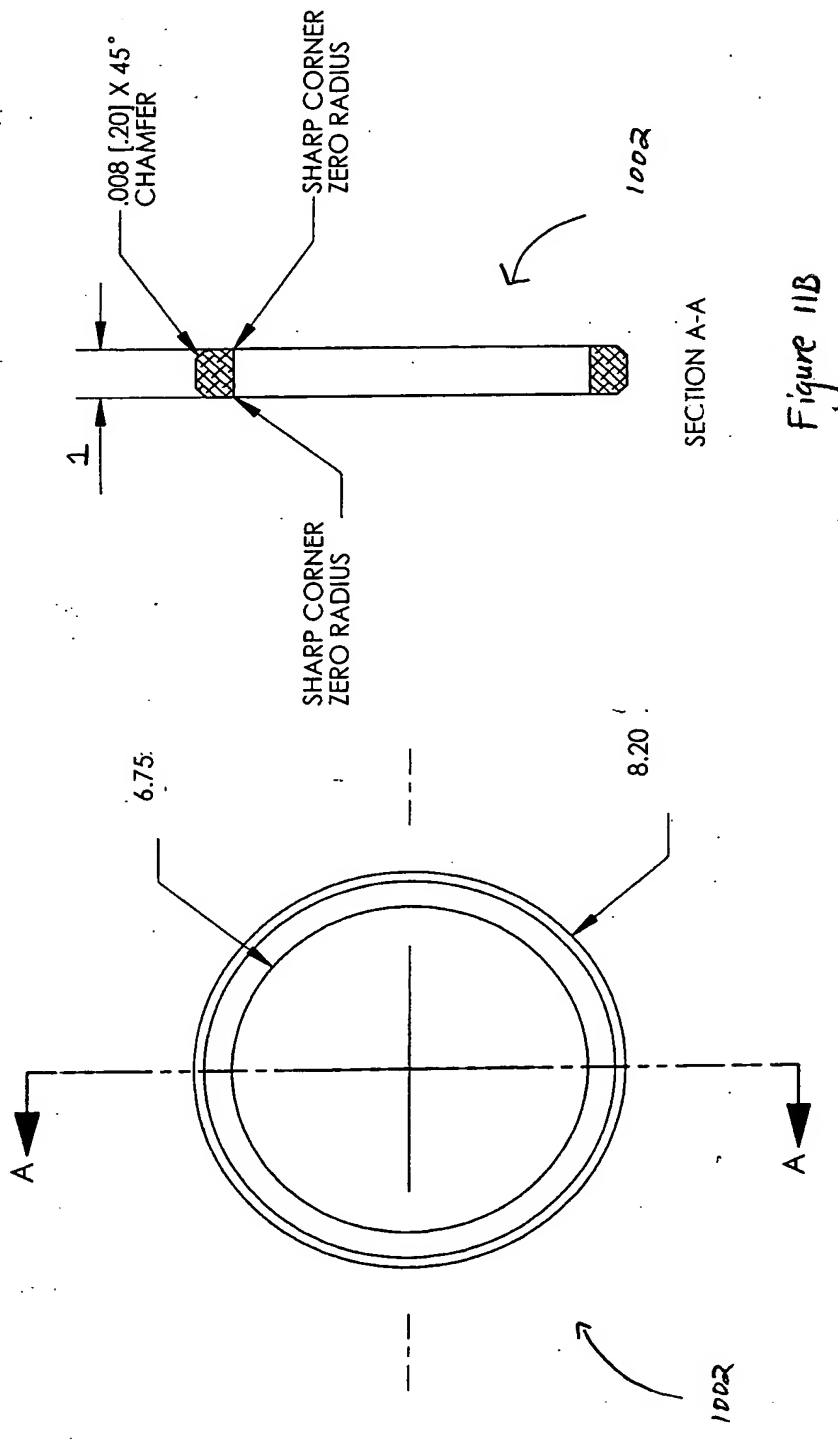
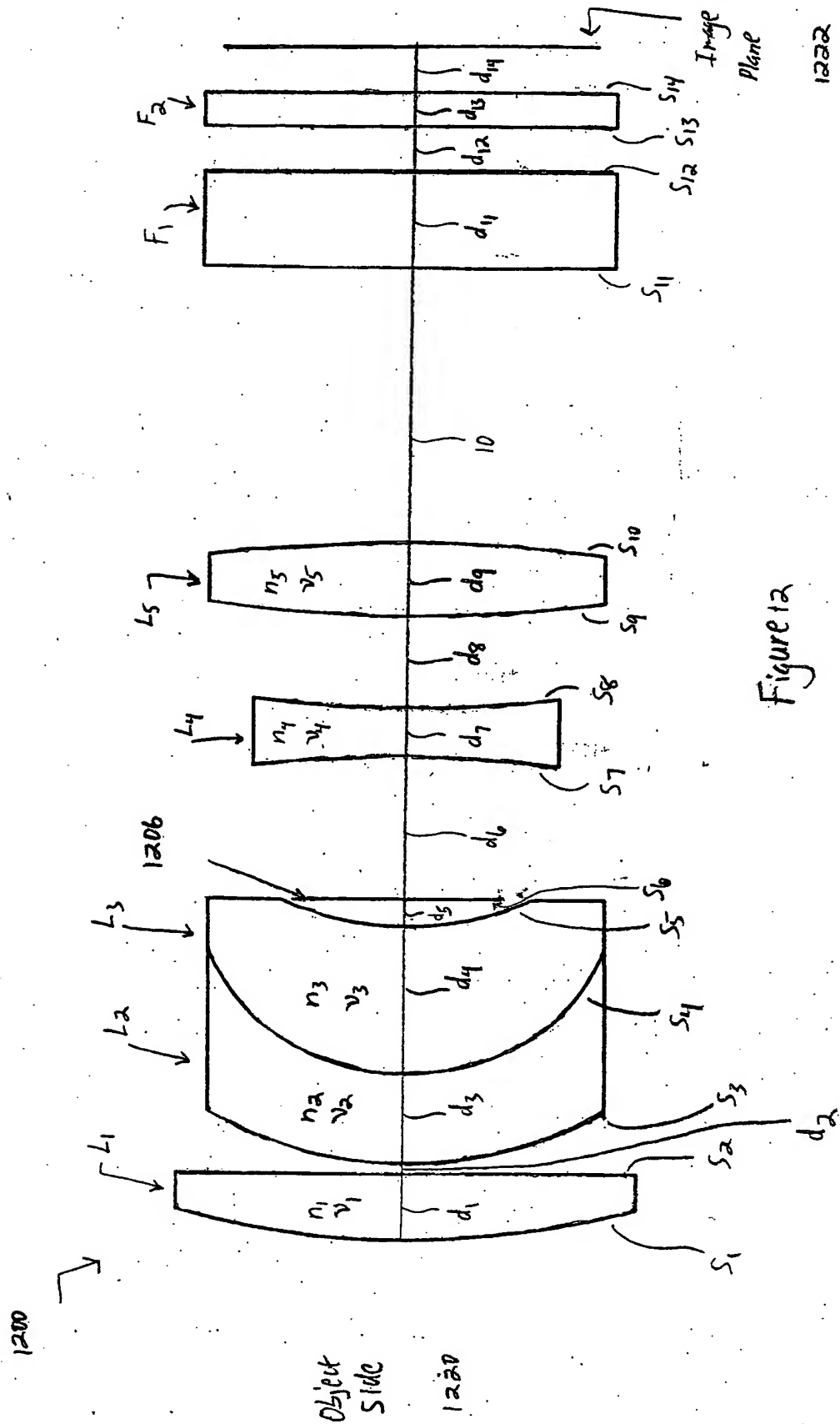


Figure 9







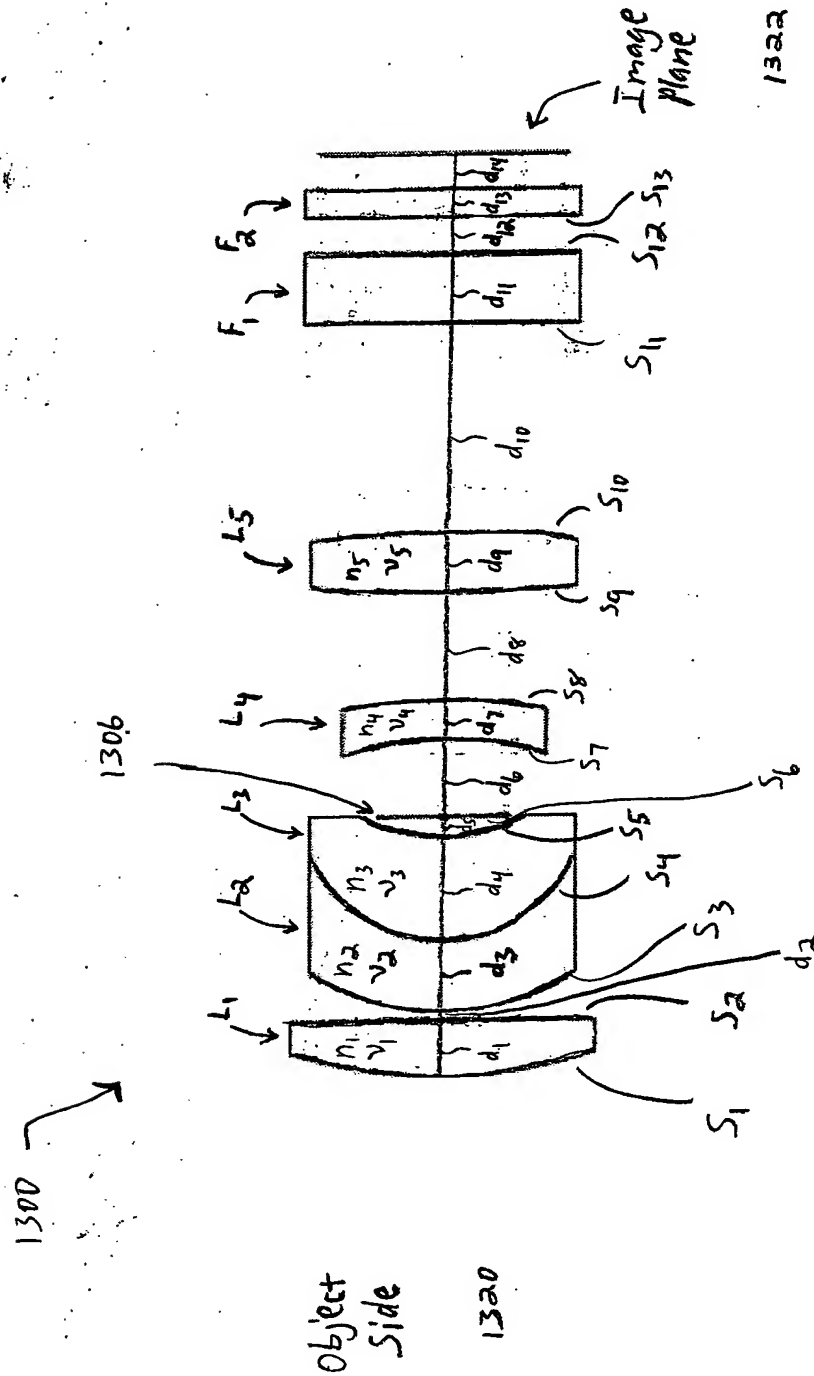


Figure 13

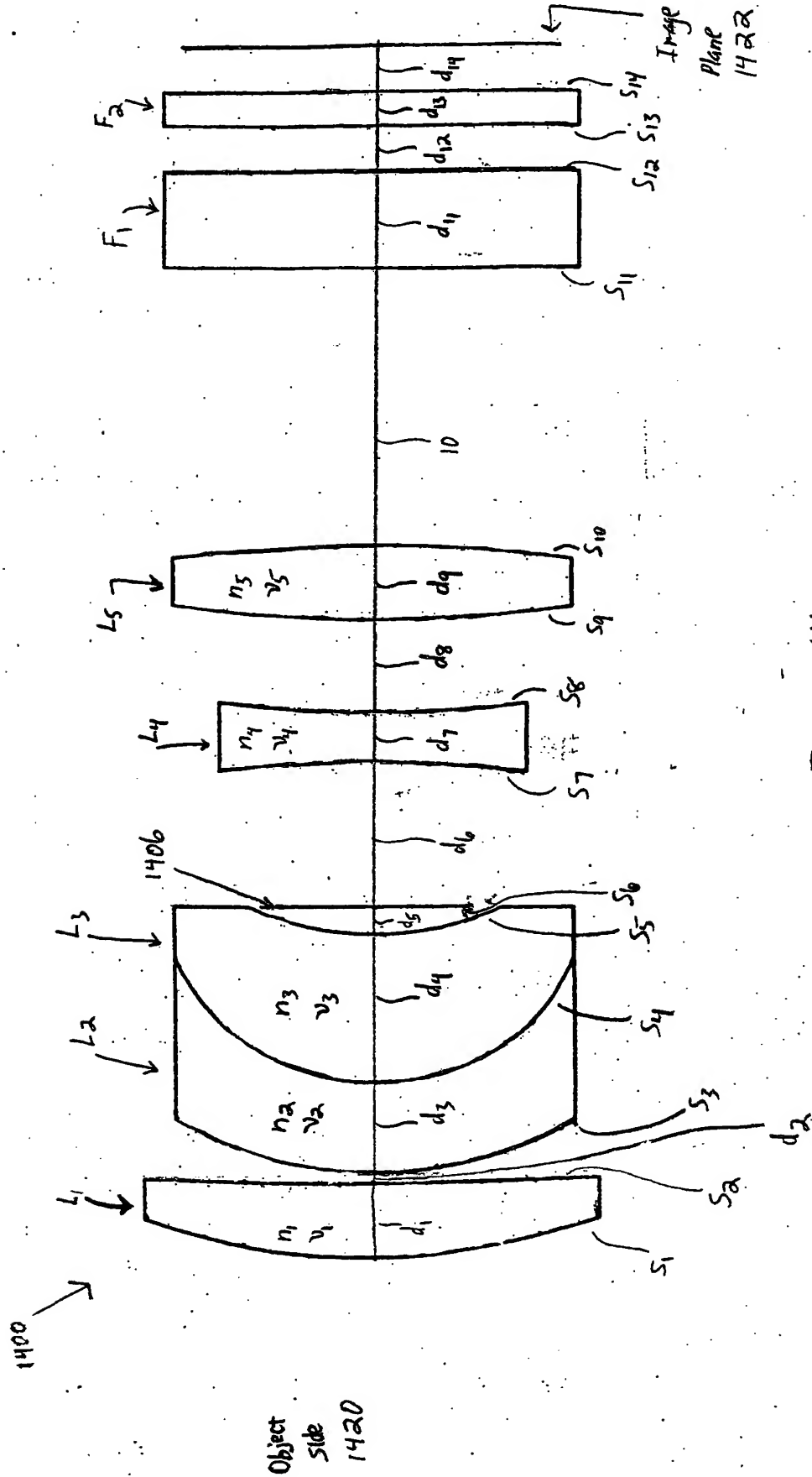


Figure 14

Entitled: LENS ASSEMBLY AND OPTICAL IMAGING  
SYSTEM USING SAME

@ Wavelength 0.5876 microns  
Petzval radius -704.0739

## Seidel Aberration Coefficients in Waves:

Surf	W040	W131	W222	W220	W311	W020	W111
S <sub>1</sub>	2.063646	1.180533	0.168834	1.737566	0.521143	-2.221268	-0.635351
S <sub>2</sub>	0.185990	-1.569347	3.310467	-0.210552	-6.094979	-0.667380	2.815615
S <sub>3</sub>	0.958762	0.674738	0.118713	3.889814	1.389634	-10.712959	-3.769676
S <sub>4</sub>	-1.116244	-0.174950	-0.006855	-0.928469	-0.073028	11.516959	0.902530
S <sub>5</sub>	-0.412209	-1.371710	-1.141160	-4.812696	-8.956968	2.121614	3.530049
S <sub>6</sub> (STOP)	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
S <sub>7</sub>	-3.401465	5.243140	-2.020490	-4.120822	3.954605	2.955132	-2.277573
S <sub>8</sub>	1.611063	-3.049674	1.443226	3.261925	-3.770335	-2.366120	2.239483
S <sub>9</sub>	-0.020738	0.497832	-2.987688	0.630448	10.363169	0.404717	-4.857738
S <sub>10</sub>	0.389379	-1.507552	1.459192	0.630448	-2.632830	-1.196036	2.315337
S <sub>11</sub>	-0.077353	0.475245	-0.729958	0.000000	1.121187	0.277620	-0.852829
S <sub>12</sub>	0.062114	-0.381622	0.586157	0.000000	-0.900314	-0.222929	0.684822
S <sub>13</sub>	-0.038423	0.236066	-0.362588	0.000000	0.556921	0.112778	-0.346446
S <sub>14</sub>	0.023231	-0.142726	0.219222	0.000000	-0.336717	-0.068186	0.209462
IMAGE	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
TOTAL	0.227751	0.109971	0.057072	0.077661	-4.858511	-0.066057	-0.042314

Figure 15



1602

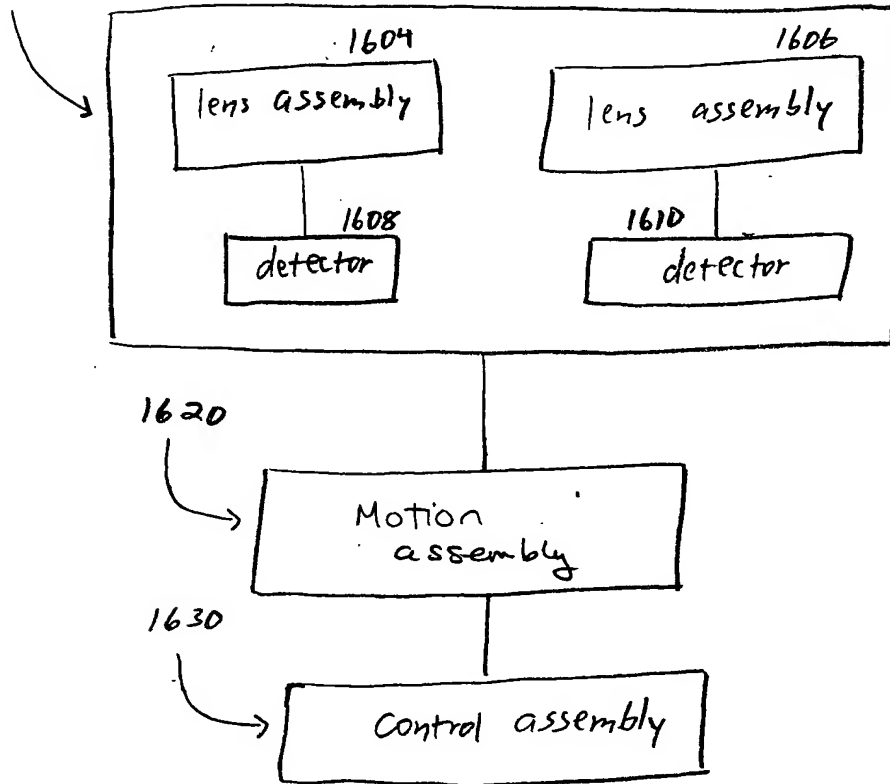


Figure 16

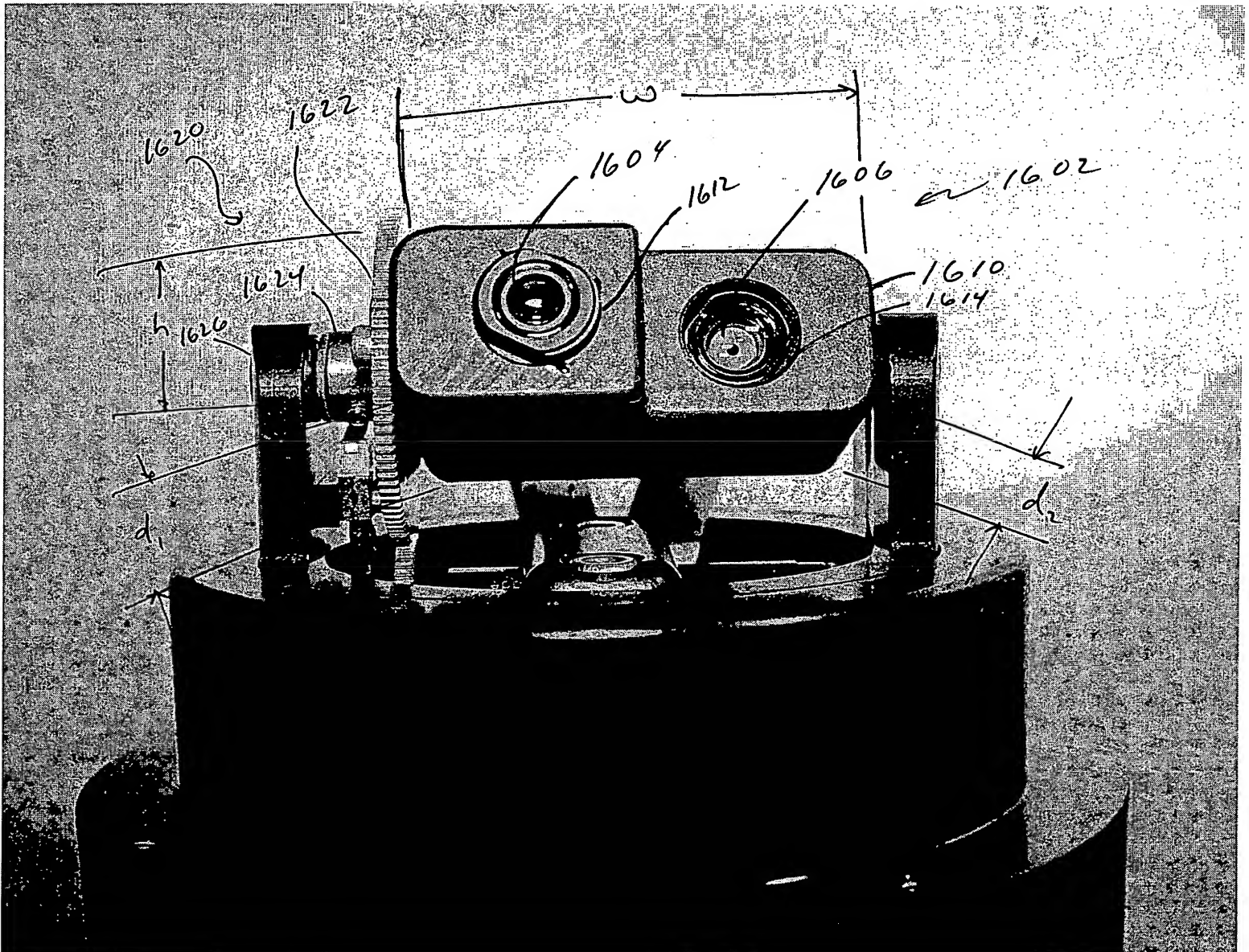


FIG. 17